Claims

What is Claimed is:

1.   A wireless communications network, comprising:

a wired network;

a wireless channel;

a wireless application service provider server computer connected to the wired network;

a wireless packetized data communications provider equipment connected to the wired network; and

a wireless device communicatively connected via the wireless channel to the wireless packetized data communications provider.

2.   The wireless communications network of claim 1, further comprising a client software stored on the wireless device for communicating via specialized protocols with the wireless application service provider server computer over the wireless channel and the wired network.

3.   The wireless communications network of claim 2, wherein the wired network operates according to an open systems interconnect model protocol.

4.   The wireless communications network of claim 3, wherein the protocol is TCP/IP.

5.   The wireless communications network of claim 2, wherein the wired network is the Internet.

6.   The wireless communications network of claim 1, wherein the wireless channel is a cellular packetized data system.

7.   The wireless communications network of claim 1, wherein the wireless channel is a CDPD system.

8.   The wireless communications network of claim 1, further comprising a server software stored on the wireless application service provider server computer for communicating via specialized protocols with the wireless device over the wired network and the wireless channel.

9.   A method of wireless communications, comprising the steps of:

serving data over a wired network;

receiving the data from the wired network;

transmitting the data over a wireless channel; and

receiving the data over the wireless channel.

10. The method of claim 9, further comprising the steps of:

transmitting second data over a wireless channel;

receiving the second data from the wireless channel;

transmitting the second data over the wired network; and

receiving the second data over the wired network.

11. The method of claim 10, wherein the data and the second data are packetized data formats on the wireless channel.

12. The method of claim 10, wherein the wired network is the Internet.

13. The method of claim 9, wherein the step of serving is performed according to specialized protocols.

14. The method of claim 10, wherein the step of transmitting second data over the wireless channel is performed according to specialized protocols.

15. The method of claim 13, wherein the specialized protocols include an OSI model protocol.

16. The method of claim 14, wherein the specialized protocols include an OSI model protocol.

17. The method of claim 11, wherein the wireless channel comprises a CDPD cellular

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network.

18.   The method of claim 17, wherein the data is selected from the group consisting of: text, graphic, image, voice, and streaming media.

19.   A computer readable substrate having a computer program saved thereupon, the computer program comprising the steps of:

providing a wireless device with an on-line access to a website, the website maintained on a server computer connected to a wired network;

transmitting a packetized data to the wireless device at least in part over a wireless channel;

receiving the packetized data by the wireless device;

transmitting a second packetized data to the server computer at least in part over a wireless channel; and

receiving the second packetized data by the server computer.

20.   The computer readable substrate of claim 19, wherein the computer program further comprises the steps of communicating the packetized data at least in part over the wired network.

21.   The computer readable substrate of claim 19, wherein the computer program further comprises the steps of communicating the second packetized data at least in part over the wired network.

22.   The computer readable substrate of claim 19, wherein the packetized data and the second packetized data are each formatted according to an OSI model.

23.   The computer readable substrate of claim 19, wherein the packetized data and the second packetized data on the wireless channel conform to specialized protocols optimized for wireless communications.

24.   An application service provider for providing network access, comprising:

a server computer;

a wired network connected to the server computer;

a cellular wireless communications system connected to the wired network; and

a wireless device communicatively connected to the cellular wireless communications system.

25.   The application service provider of claim 24, further comprising:

a website stored on the server computer, the website including a content selected for the wireless device.

26.   The application service provider of claim 25, further comprising a communication of packetized data between the server computer and the wireless device, the communication occurring at least in part over the cellular wireless communications system.

27.   The application service provider of claim 26, wherein the cellular wireless communications system includes a CDPD cellular channel.